

ABSTRACT OF THE DISCLOSURE

This power supply system 1 comprises:

an alternator 4 that generates electric power according
to the number of revolutions of an engine 2 mounted in a vehicle
5 and charges predetermined battery 3;

an output means 5 for outputting the electric power from
the charged battery 3 to the outside;

10 a power generation control means 8 that detects the current
amount of the electric power transmitted from the battery 3
to the output means 5 and sets the number of engine revolutions
according to the detected current amount; and

15 an engine control means 9 that controls the number of
revolutions of the engine 2 in accordance with the number of
engine revolutions set by the power generation control means
8.